

Title (en)

PRINTING PRESS HAVING AN INK JET SYSTEM FOR PRINTING ONTO A TARGET SURFACE

Title (de)

DRUCKMASCHINE MIT INKJETSYSTEM ZUM DRUCKEN AUF EINE ZIELFLÄCHE

Title (fr)

MACHINE D'IMPRESSION AVEC SYSTÈME À JET D'ENCRE D'IMPRESSION SUR UNE SURFACE CIBLE

Publication

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Application

**EP 14716832 A 20140411**

Priority

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Abstract (en)

[origin: WO2014202254A1] The invention relates to a printing press (01) having at least one printing unit (04) which is configured as an inkjet system (06), wherein the relevant inkjet system is configured in such a way that said inkjet system prints an information item which changes or at least can change in a running printing process onto a target surface which is provided on a printing material, wherein there is at least one mark (14) on the printing material (07), wherein a detection device (16) is provided for detecting the at least one mark which is present on the printing material, wherein a printing position and/or a printing instant of the relevant inkjet system relative to a position of the target surface (08) which is provided for printing the information item which changes or at least can change in the running printing process is set or at least can be set using the at least one mark which is detected by the detection device in the running printing process, wherein the detection device which detects the at least one mark which is applied on the printing material is part of a cut register regulating device and/or a colour register regulating device. In addition, a method for printing an information item which changes or at least can change in a running printing process onto a target surface which is provided on a printing material is also described.

IPC 8 full level

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Opponent : manroland Goss web systems GmbH

- DE 102007004180 A1 20080807 - MAGNA CAR SYS GMBH [DE]
- DE 102005009406 A1 20060914 - ROLAND MAN DRUCKMASCH [DE]
- DE 102007047844 A1 20090528 - KOENIG & BAUER AG [DE]
- DE 102007050145 A1 20090423 - MANROLAND AG [DE]
- DE 102004022074 A1 20051201 - ROLAND MAN DRUCKMASCH [DE]
- DE 102007028452 A1 20081224 - MANROLAND AG [DE]
- WOLFGANG WALENSKI: "Der Rollenoffsetdruck: Geschichte. Moderne Technik. Materialien", 1995, FACHSCHRIFTEN-VERLAG, article "Registerregelung", pages: 146-147, 186-197, 244 - 246, XP055545225
- HELMUT KIPPHAN: "Handbuch der Printmedien: Technologien und Produktionsverfahren", 2000, SPRINGER, article "Registerregelung", pages: 289-291, 303 - 304, XP055545232

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